

## AMENDMENTS TO THE SPECIFICATION

Beginning on page 1, line 16, through page 2, line 12, please amend the text as follows:

The method 100 (best seen by referring to Figure 6) is intended for estimation of the volume of a three-dimensional object in medical imagery, a contour of the object being known by means of a plurality of films taken 105 in section.

The method comprises the following steps:

- define 110 a given number of base points constituting a first three-dimensional shape defined by facets whose vertices are the base points;
- each facet of the first shape being defined 115 by three segments and each segment being common to two adjacent facets, the segments are divided by creating 120 second rank points adapted to the contour of the object, so as to constitute a second three-dimensional shape closer to the contour of the object than the first shape, the creation of a second rank point resulting in the creation of two new facets and three new segments;
- each segment is iteratively divided into subsegments adjusted by defining 125 third rank points adapted to the contour of the object, so as to constitute a third three-dimensional shape closer to the contour of the object than the second shape, the creation of a third rank point resulting in the creation of two new facets and three new segments; and
- then, the volume of the third three-dimensional shape is calculated 130.

No new matter has been added, as the specification has merely been amended to include reference numerals that correlate with the already existing text of the specification and claims.